



October 2021

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THE CHALLENGE

Pershing County Water Conservation District is located in a highly productive agricultural area, providing irrigation to approximately 37,526 acres annually. This area frequently experiences severe flooding. The irrigation system is over 100 years old and in need of improvements to several diversion structures to improve water delivery and decrease risk of failure during flood events that could result in significant damage to the Town of Lovelock.

ISSUES

- including loss of lives and property.

• Deteriorated canals and surrounding infrastructure contributes to water loss • A failure of the irrigation system could result in significant damage to those living downstream,

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ADDRESSING THE CHALLENGE

Conservation District.

NRCS Watershed Protection & Flood Prevention Program: The NRCS Watershed Protection and Flood Prevention Program helps units of federal, state, local and tribal governments protect and restore watersheds. The program provides financial and technical assistance for erosion and sediment control, watershed protection, flood prevention, water quality improvement, water management, fish and wildlife habitat enhancement, recreation and hydropower.

FUNDING

Federal funds would be used to support the completion of the Proposed Project through the Watershed Protection and Flood Prevention Act (Public Law 83-566). The Proposed Project is only funded for the Planning Process and will need to compete for program funds for both design and construction phases.

The United States Department of Agriculture (USDA) - Natural Resources Conservation **Service (NRCS)** is proposing this improvement project through the Watershed Protection and Flood Prevention Program. The Proposed Project will be sponsored by Pershing County Water

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PROJECT GOALS



Enhance water conservation & irrigation supply

POTENTIAL SOLUTIONS

- Replace Upper Pitt-Taylor Diversion Structure
- Replace Lower Pitt-Taylor Diversion Structure
- Replace Pitt Diversion Structure
- Improve irrigation canal and piping from **Rodgers Diversion Structure to Union-Rodgers Canal**





POTENTIAL BENEFITS

- measures

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 Increase flood protection to homes, roads, and agricultural properties

Increase flood storage and control

 Enhance water conservation and delivery to agricultural land





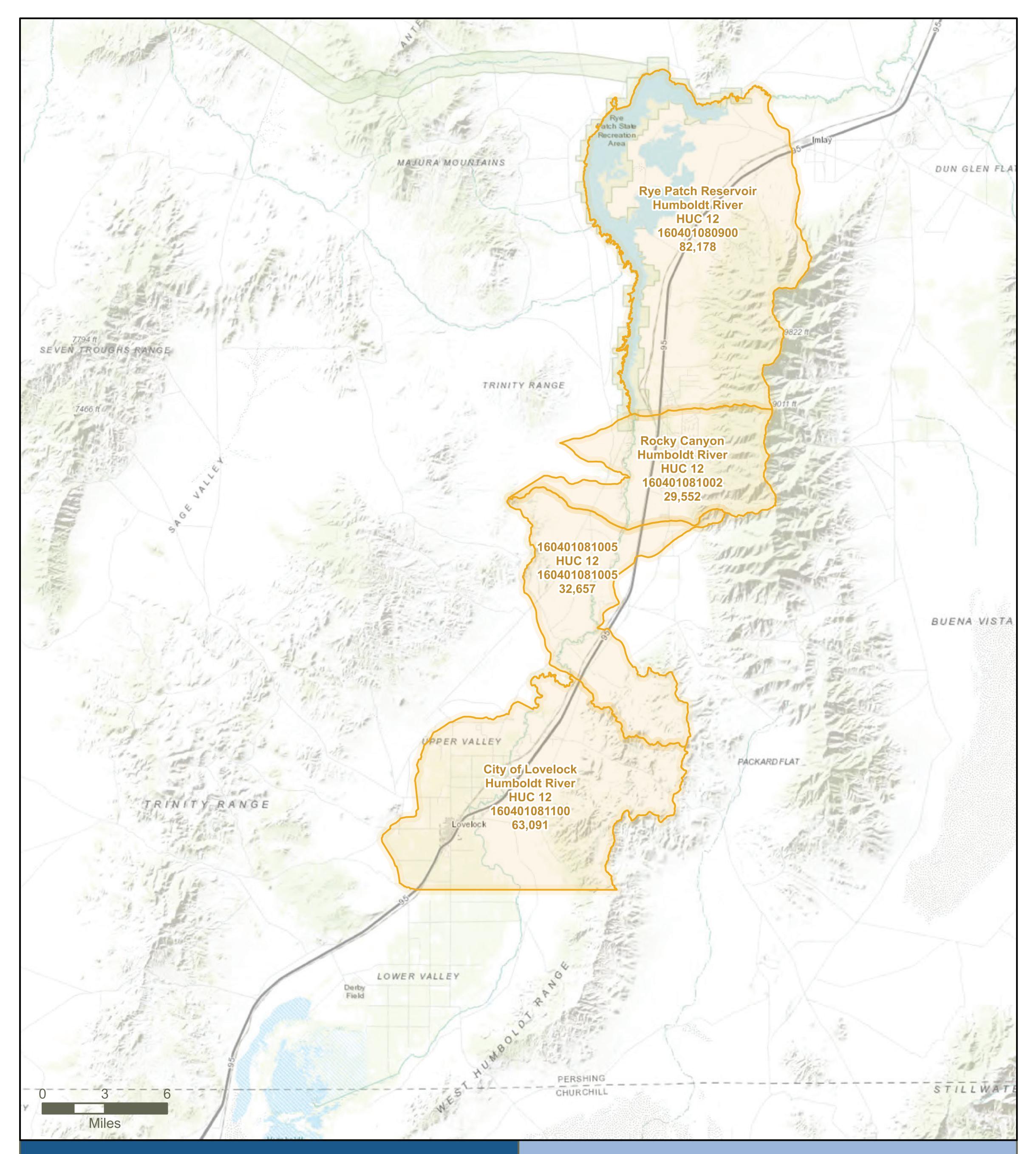


Lower Humboldt River Watershed Plan

Environmental Document Scoping Meeting

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Humboldt River Watershed Map PL566 Grant

Watershed Project Area (207,477 ac)







HOW CONSERVATION PLANNING WORKS A NINE-STEP PROCESS 6 J 0 2 -Determine Analyze Evaluate Make Evaluate Formulate Implement Inventory Objectives **Resource Data** Alternatives the Plan the Plan Resources Alternatives Decisions The customer The planner The customer The planner Natural resource, Alternatives are Alternatives are The customer identifies their studies the formulated that implements the evaluates the economic, and evaluated to selects their social information resource data and achieve the determine their preferred effectiveness of the objectives, while selected alternatives. The for the planning defines existing effectiveness in alternatives and plan in solving the the planner guides customer's conditions for all objectives, solve works with the area is collected to addressing the planner provides the process so that resource concerns further define the identified identified concerns, it includes the the land manager and works with the customer's planner on practice problems and and take problems, customer's needs natural resources, implementation. with detailed customer to and values, the opportunities, including advantage of opportunities, practice make adjustments develop resource uses, and limitations and and objectives. as needed. opportunities to implementation potentials for the information. on-site and off-site alternatives, and improve or protect ecological evaluate the plan. desired use. resource conditions. protection. WE ARE HERE **Project Design** Construction Planning

Identify Problems and Opportunities

Initial opportunities and problems are first identified while working with the customer.

Summer 2021 - Winter 2023



Spring 2024- Spring 2025

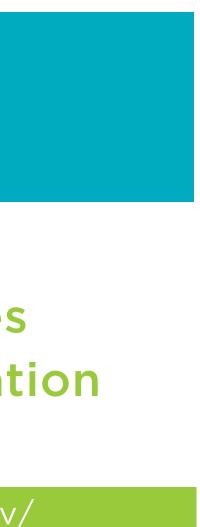
ANTICIPATED TIMELINE

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TBD







Environmental Document Scoping Meeting

HOW CAN YOU BE INVOLVED? Contact a representative of the project with your comments and questions.





lowerhumboldt@NVwatershed.com

Subject Line: Lower Humboldt Watershed Plan Comment

Contact the Study Team at (775) 235-6093 or lowerhumboldt@NVwatershed.com for more information. **Comments Due By November 12, 2021**

Public involvement is an important part of the Watershed Plan and Environmental Document.

USDA is an equal opportunity provider, employer, and lender.

Lower Humboldt River Watershed Plan

How to contact the project team:



(775) 235-6093

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Lower Humboldt Watershed Plan Attn: Jordan Brock 9160 Double Diamond Parkway Reno, NV 89511

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